

METHOD AND SYSTEM FOR SKIPPING DECODING OF OVERLAID AREAS OF VIDEO

ABSTRACT OF THE INVENTION

A system and method that reduces computational complexity of a decoder by
5 identifying a skippable region in an overlaid area. The invention provides a system for
processing encoded video data, comprising: an analysis system that determines if a
current video frame having an overlaid area acts as a reference for future video frames;
and a system for identifying a skippable region in the overlaid area. The invention may
also include a system for identifying a portion of the overlaid area as the skippable based
10 on analysis of motion vectors or motion vector ranges.